

SJDI  
LOCAL STANDARD ITEM

FY-2005  
ITEM NO: 099-02JI  
DATE: 04 DEC 2002  
CATEGORY: I

1. SCOPE:

1.1 Title: Environmental Requirements for Work Within the State of Texas

1.2 Location of Work:

1.2.1 The State of Texas

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 Standard Items

2.2 Department of Transportation Regulations (DOT) 49 CFR

2.3 Texas Administrative Code, Title 30, Chapter 335, Industrial Solid  
Waste and Municipal Hazardous Waste

2.4 Environmental Protection Agency Regulations (EPA) 40 CFR

2.5 Occupational Safety and Health Regulations (OSHA) 29 CFR 1910 and 1915

2.6 Applicable Regulated Waste Manifest Forms

3. REQUIREMENTS:

3.1 The following requirements shall be observed, in addition to the specific requirements of the Job Order, for all work accomplished on naval ships and craft within the State of Texas.

3.2 Accomplish the requirements of 009-09 of 2.1, for an "Environmental Management Procedure". This procedure shall address controls and operational actions which will be employed to ensure no adverse environmental impact, and shall include the requirements of 3.2.1 through 3.2.4.2.

3.2.1 Spill Contingency and Control Plan

3.2.1.1 Provide name, address, office and home telephone number of an emergency coordinator and one alternate. Submit updates to this list each time representatives are added or deleted.

3.2.1.2 Describe the methods and work practices to be employed to prevent discharges of any volume ashore or to the waters adjacent to the State of Texas.

3.2.1.3 Describe the contractors spill clean-up capability (i.e. equipment such as oil skimmers, absorbent pads/booms, etc.).

3.2.1.4 Identify a standby sub-contractor in case a discharge exceeds the prime contractor's clean-up capability. Provide name, address and telephone number of the sub-contractor, estimated response time, clean-up capabilities and certify that the sub-contractor will respond if called regardless of time/weather, etc. Provide a point of contact, alternate and 24 hour telephone number for these persons.

3.2.1.5 Notify the following agencies immediately upon discovery of any discharges to land or surface water:

National Response Center - Phone 800-424-8802 (for all reportable spills: waterborne or on land)

Texas General Land Office - Phone 800-832-8224 (all waterborne oil spills)

Texas Commission on Environmental Quality (TCEQ) - Phone 800-832-8224 (waterborne hazardous material spills & oil/hazardous material spills on land)

SUPSHIP Jacksonville Detachment Ingleside Project Office for the availability

SUPSHIP Jacksonville Detachment Ingleside Environmental - Phone 776-5979

3.2.1.6 Provide documentation of successful accomplishment of spill training for all spill team members.

3.2.2 Describe pumping operations (liquid transfer to barge/tank or vice versa or any combination):

3.2.2.1 Describe the continuous communications between pump tender and barge/tank tender to allow immediate shutdown if upset occurs during pumping/transfer operations.

3.2.2.2 Specify methods for gauging compartment volume in barge/tank. Maximum volume to be 90 percent of capacity.

3.2.2.3 Describe provisions to tag pump lines to indicate where line is originating from (i.e. ship tank/void) and pump number.

3.2.2.4 Describe procedures for monitoring trucks and pumping equipment.

3.2.3 Waste Disposal

3.2.3.1 Specify that Regulated waste requires the contractor to provide analysis of the waste, method of waste transfer, approved EPA HW transporter ID Number, approved federal or state disposal site, notification to the government of waste to be disposed of by EPA waste code and volume. All HW and Texas Regulated wastes generated shall be manifested. Coordinate manifesting with the SUPERVISOR no less than 24 hours prior to anticipated shipment.

3.2.3.2 Specify that no regulated waste is to be shipped by water.

3.2.3.3 Provide a copy of the manifest and land disposal restriction form to the SUPERVISOR upon shipment.

3.2.3.4 Develop, provide and utilize a checklist to ensure that transporter vehicles comply with 2.2 and 2.3 requirements.

3.2.3.5 Provide certification that the disposal site is legally authorized to accept, store, treat or dispose of the identified waste.

3.2.3.6 Provide documentation to the SUPERVISOR of HW training for all required personnel in accordance with 2.3 and 2.4.

#### 3.2.4 Hazardous Material (HM)

3.2.4.1 Provide a listing identifying the type, quantity and labelling system of each hazardous material stored or used by the contractor at a facility other than the contractor's. This list shall be provided to the SUPERVISOR prior to use or storage of each HM. Contractor shall identify the methods that will be used to inform other employer(s) of any precautionary measures that need to be taken to protect their employees during the work place's normal operating conditions and in foreseeable emergencies.

3.2.4.2 Provide documentation of training for personnel using HM as required by Subpart Z 1200, (Hazard Communication Standard) of 2.5.

3.3 Water pollution control for discharge of any material emanating from any equipment or system, during ship overhaul/repair, shall be in accordance with the following:

3.3.1 There shall be no direct or indirect discharge of solids into the water. All generated wastes (including blast material) must be contained during the entire operation, keeping containers closed at all times except when adding/removing wastes. At no time shall wastes be thrown, potentially blown, or otherwise discharged overboard.

#### 3.3.2 Abrasive Blasting and Paint Surface Preparation:

3.3.2.1 No abrasive blasting or open scraping or grinding of any exterior paint or non-skid surface (i.e. surfaces exposed to the environment) shall take place without proper waste containment (i.e. shrouding,

pontoons/lighters, and vacuum equipment and description of how blast debris will be collected, stored, tested and disposed).

3.3.2.2 Transfer of Solids - Any container to container transfer of paint, blast, scraping/grinding debris shall be conducted in an area completely sheltered from wind and rain. All containers shall remain closed at all times except during transfer of contents. Under no circumstances are compressed air hoses or fire hoses to be used to wash paint debris overboard or to deck drains discharging into the bilges or drydock drainage systems. Under no circumstances are paint debris of any kind to be dumped into the Collection, Holding, and Transfer System. Hazardous Waste procedures shall be followed to dispose of paint debris containing heavy metals.

3.3.3 Painting - Any painting of exterior surfaces must take place in a manner that shall prevent any paint from reaching the surface of the water. Number or overall amount of open paint containers shall be minimized, and all containers shall be secured. Exterior painting shall not occur during inclement weather or during times when inclement weather is anticipated before paint would dry.

3.3.4 Overboard Discharge - There shall be no overboard discharge of petroleum products, blast or grinding material/waste, food matter, cleaning fluids, paint, chemicals or soap products. Under no circumstances is any detergent to be washed overboard through deck drains. If decks must be washed with detergent appropriate measures shall be taken to control discharge to the water.

3.3.5 Disposal of HW - HW and Texas Regulated waste generated by contractor shall be handled in accordance with the following requirements:

3.3.5.1 These requirements are applicable to any HW and Texas Regulated waste as defined by 40 CFR Part 261 or Texas Hazardous and Solid Waste Management Regulations.

3.3.5.2 The contractor is responsible for properly identifying and classifying the waste, including responsibility to perform analysis if necessary. All analysis results shall be provided to the SUPERVISOR within 24 hours of contractor receipt of results.

3.3.5.3 Samples of paint solids shall be analyzed using Toxicity Characteristic Leachate Procedure (TCLP) test method for metals to establish safety and environmental requirements prior to any abrasive removal operations. Analysis results shall be provided to the SUPERVISOR. Spent abrasive blast material shall be analyzed (TCLP) for metals to determine HW characteristics prior to disposal.

3.3.5.4 Properly package all waste in accordance with 2.2 through 2.4.

3.3.5.5 Properly mark all waste in accordance with Federal, State, and Local regulations.

3.3.5.6 Properly control all waste until removed for disposal, including placing waste in non-leaking containers and keeping containers closed at all times unless adding waste.

3.3.5.7 Perform weekly inspections of all containers stored pending classification to ensure proper segregation and containerization of waste. All spills shall be promptly contained, cleaned up and reported. Document results of weekly inspections in a log book available for review by the SUPERVISOR upon request.

3.3.5.8 Notify the SUPERVISOR at least 24 hours prior to transport of waste.

3.3.5.9 Submit one legible copy of 2.6 signed by the generator and transporter to the SUPERVISOR within 24 hours of transport.

3.3.5.10 Submit one legible copy of 2.6 signed by the owner or operator of the disposal facility to the SUPERVISOR within 48 hours of return receipt from the owner or operator of the disposal facility.

4. NOTES:

4.1 None.